surfaces of the panels which reduce the weight of the panels without substantially reducing the load carrying capacity of the system. Although the perforations are shown as being square shaped and parallely aligned, the perforations can be almost any shape and can be placed in any suitable pattern which will not adversely effect the panel's load carrying capacity.--

In the Claims:

Please cancel claims 1-12 and add the following new claims:

13. A raised load bearing floor system for mounting upon a non level terrace that includes:

a plurality of spaced apart support pedestals mounted upon the terrace, said pedestals having coplanar horizontally disposed top surfaces,

a plurality of high strength load bearing grates each of which contains a series of perforations, said grates being mounted upon said pedestals, so that each grate is supported at each of its corners upon one of said pedestals to establish a raised load bearing sub floor over said terrace; and

paving blocks mounted in an interlocking relationship upon said grates to establish an upper floor, the area between said pedestals being substantially greater than the surface area of said paving blocks, said blocks being fabricated of a material capable of sustaining heavy traffic without appreciable wear.

14. The floor system of claim 13 wherein said grates are rectangular shaped.

15. The floor system of claim 13 wherein said pedestals are fabricated of a high density foam.

16. The floor system of claim 13 wherein said pedestals are fabricated of polystyrene.

17. The floor system of claim 13 that further includes a geotextile material located between the paving blocks and the grates.